

# Savannah River Site (Aiken, SC) Safety Basis Report

Total Facilities: 23

Facility	Hazard Category	Safety Basis Type	Approval Status	Date Approved
232-H - Extraction Facility (Deactivated and Deinventoried)	HC2	DSA	AUR	07/03/2012
234-7H - Materials Test Facility	HC2	DSA	AUR	07/03/2012
236-H - Byproduct Purification Facility	HC3	DSA	AUR	07/03/2012
237-H/238-H - Empty Tritium component storage and reclamation facility	HC3	DSA	AUR	07/03/2012
Analytical Labs (F/H Labs)	HC2	DSA	AUR	02/24/2012
C Area	HC2	BIO	AUR	10/03/2011
Concentration, Storage and Transfer Facilities (CSTF)	HC2	DSA	AUR	07/27/2102
Defense Waste Processing Facility (DWPF)	HC2	DSA	AUR	07/29/2012
F Canyon Complex	HC2	DSA	AUR	08/07/2012
F-Area Material Storage (FAMS) 235-F	HC2	DSA	AUR	06/28/2010
H Canyon	HC2	DSA	AUR	07/12/2012
H-Area New Manufacturing Facility (Tritium component loading and unloading facility)	HC2	DSA	AUR	07/03/2012
H-Area Old Manufacturing Facility (Tritium component finishing/shipping/receiving)	HC2	DSA	AUR	07/03/2012
HB-Line	HC2	DSA	AUR	07/31/2012
K-Area Complex	HC2	DSA	AUR	05/16/2012
L-Area Material Storage Facility	HC2	DSA	AUR	08/31/2011
Salt Waste Processing Facility (SWPF)	TBD	PDSA	AUR	10/01/2008
Saltstone Process	HC2	DSA	AUR	10/01/2011
Savannah River National Laboratory (SRNL)	HC2	DSA	AUR	07/31/2012
Savannah River On-Site Transportation Activities	TBD	0	AUR	06/06/2012
Solid Waste Management Facilities (SWMF)	HC2	DSA	AUR	09/04/2012
Tritium Extraction Facility including the Remote Handling Building (264-2H) and Tritium Processing B	HC2	DSA	AUR	12/12/2012
Waste Solidification Building	HC2	PDSA	AUR	

Safety Basis Report current as of Feb 15, 2013

## Program Office

National Nuclear Security Administration

## Safety Basis Type

BIO – Basis for Interim Operation

DSA – Documented Safety Analysis

PDSA – Preliminary Documented Safety Analysis

## Hazard Category

HC1 – Hazard Category 1 (a nuclear facility with the potential for significant off-site consequences)

HC2 – Hazard Category 2 (a nuclear facility with the potential for significant on-site consequences)

HC3 – Hazard Category 3 (a nuclear facility with the potential for only significant localized consequences)

HCR – Hazard Category Radiological (a radiological facility only)

Approval Status

AUR – Approved Under the Rule (10 CFR 830 – Nuclear Safety Management)

E – Temporary Exemption Granted

SBPA – Operating Safety Basis Pending Approval

UD – Under Development

UMR – Operating Safety Basis Pending Update to Meet the Rule